MONTHLY BULLETIN

OF

THE OBSERVATORY

QC
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M6
1956

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JANUARY 1956

OWEN GINGERICH, DIRECTOR

GIORGIO CONTINO, ASSOCIATE DIRECTOR

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WEATHER BUREAU

JANUARY 1956

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	67.6	66.1	66.3	66.7	17.1	12.7	14.6	16.7	15.0	15.4
2	65.7	64.6	64.5	64.9	17.1	12.8	14.2	16.6	14.6	15.1
3	65.3	64.5	64.6	64.8	17.5	11.9	14.3	16.4	14.4	15.0
4	62.3	59.7	59.2	60.4	17.2	10.3	14.3	16.6	12.0	14.3
5	56.4	54.6	54.3	55.1	15 6	10.2	12.7	15.2	13.3	13.7
6	57.2	59.0	60.7	59.0	15.2	10.1	12.6	12.6	11.1	12.1
7	62.4	60.2	60.0	60.9	16.3	13.4	12.8	16.1	13.7	14.2
8	57.3	54.1	55.1	55.5	19.5	13.2	16.2	18.8	16.8	17.3
9	58.8	58.7	60.5	59.3	18.6	12.2	14.9	16.4	16.1	15.8
10	62.6	62.5	63.0	62.7	17.2	13.0	14.4	16.4	14.2	15.0
11	63.1	61.3	60.8	61.7	17.3	13.3	14.1	16.9	15.2	15.4
12	58.2	57.3	58.3	57.9	17.2	12.2	15.6	16.1	14.4	15.4
13	59.1	58.9	59.5	59.2	14.8	9.7	13.3	12.8	12.6	12.9
14	62.3	62.4	64.3	63.0	14.8	9.3	11.1	13.1	10.7	11.6
15	65.6	64.8	65.1	65.2	13.5	10.3	11.1	15.3	12.6	13.0
16	67.0	67.4	68.3	67.6	15.7	11.3	12.6	15.6	12.7	13.6
17	68.9	67.4	67.4	67.9	17.2	11.9	13.9	16.9	13.9	14.9
18	67 3	66.8	67.9	67.3	17.6	11.9	13.6	15.3	12.8	13.9
19	69.5	68.9	70.4	69.6	16.6	12.4	13.9	16.1	14.2	14.7
20	70.7	69.1	69.6	69.8	17.2	12.7	14.2	16.9	13.9	15.0
21	69.4	68.6	68.9	69.0	17.2	13.1	14.8	16.6	14.6	15.3
22	68.8	67.6	68.1	68.2	17.8	13.7	14.4	17.7	16.4	16.2
23	68.3	65.9	66.8	67.0	17.7	14.1	15.2	17.2	15.7	16.0
24	65.4	63.9	64.8	64.7	18.2	13.6	15.6	17.5	15.4	16.2
25	65.4	63.2	62.7	63.8	18.4	15.6	14.4	18.3	16.1	16.3
26	59.9	57·9	57.3	48.4	20.4	16.0	17.4	19.4	17.2	18.0
27	54.8	53.1	53.5	53.8	19.5	10.3	17.6	15.2	12.2	15.0
28	54.9	55.9	58.4	56.4	15.6	11.7	14.7	15.3	12.8	14.3
29	54.9	53.0	54.0	54.0	15.0	10.3	12.9	11.3	13.3	12.5
30	58.5	58.7	60.0	59.1	13.8	8.5	11.7	12.4	11.1	11.7
31	64.9	64.2	64.1	64.4	13.8	11.0	9.1	12.1	11.4	10.9
	62.98	61.95	62.53	62.49	16.86	12.02	13.94	15.80	13.88	14.54

Barometer, range for month 770.7 mm. — 753.0 mm.
„ 71-yr. average for month 763.184 mm.
Thermometer, range for month 20.4°C — 8.5°C
„ 71-yr. average for month 13.72°C
Rain total for month 209.69 mm.
„ 71-yrs average for month 190.28 mm.
„ Total, Sept. 1st. to end of month 608.97 mm.
„ 71-yrs. average. Sept. 1st. to end of month 564.55 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	12.5	13.1	12.0	12.5	76	69	71	72	9.2	187.0	0.25
2	9.6	13.1	11.5	11.4	62	70	70	67	8.5	224.0	
3	9.6	13.1	11.5	11.4	58	69	70	66	1.2	317.0	0.25
4	12.5	13.1	12.8	12.8	77	70	89	79	3.8	418.0	8.13
5	11.0	10.6	9.2	10.3	74	63	61	66	3.0	566.0	12.70
6	11.0	12.4	12.3	11.9	73	85	93	84	2.6	488.0	40.38
7	10.1	11.1	9.6	10.3	68	61	59	63	4.9	325 0	2.03
8	10.2	13.9	13.1	12.4	56	65	71	64	5.0	491.0	
9	11.1	13.1	14.6	12.9	65	71	79	72	5.4	552.0	4.06
10	13.4	11.6	10.1	11.7	82	65	64	70	6.1	282.0	10.42
11	8.7	11.6	11.1	10.5	58	61	64	61	3.2	142.0	
12	13.5	12.6	12.5	12 9	78	69	76	74	4.3	497.0	
13	11.4	11.4	8 7	10.5	76	76	60	71	1.1	1143.0	7.62
14	6.6	5.3	4.7	5.5	51	37	37	42	9.6	706.0	
15	7.1	9.2	8.7	8 3	52	55	58	55	9.2	311.0	
16	9.6	10.6	9.6	9.9	64	55	66	62	9.6	240.0	4.32
17	8.3	11.6	11.5	10.5	51	62	71	61	8.8	389.0	
18	11.4	13.5	13.3	12.7	75	75	91	80	2.5	229.0	21.59
19	10.5	13.1	12.4	12.0	66	72	79	72	9.5	180.0	
20	9.6	11.2	9.6	10.1	63	59	63	62	9.7	196.0	
21	7.8	11.2	11 5	10.2	48	58	69	58	9.0	161 0	
22	10.6	14.8	15.7	13.7	65	73	84	74	9.1	286.0	
23	12.5	14.8	15.0	14.1	75	74	85	78	9.1	167.0	
24	13.0	14.2	13.5	13.6	74	73	77	75	7.4	166.0	
25	12.0	13.5	13.6	13.7	72	73	74	73	8.3	291.0	
26	9.3	8.9	8.8	9.0	49	38	43	43	8 1	290.0	
27	12.8	12.5	11.4	12.2	64	73	80	72	5.0	969.0	25.05
28	10.6	10.6	12.8	11 3	65	63	88	72	3.5	945.0	22.61
29	13.3	11.8	11.0	12.0	91	91	71	84	1.1	1300.0	45.21
30	8.7	7.4	7.5	7.9	64	53	57	58	1.2	946.0	4.82
31	6.4	7.4	6.6	6 8	58	53	52	54	8.5	785.0	0.25
	10.47	11.75	11.17	11.13	66.1	65.5	70.1	67.2	5.77	457.71	6.76

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	1cu	4cu-st	0	1.7	1s	1ne	1se	light	
2	0	5cu-st	0	1.7	1se	1n	1s	,,	D. a.m. p.m.
3	10st	10st	8st	9.3	1s	1sw	1sw	,,	
4	8st-ci	10ci-st	10ni	9.3	1e	1sw	1sw	,,	
5	10ci-st	10st	10st	10.0	1s	2sw	1sw	,,	
6	6cu-st	10st	10st	8.7	3s	1sw	1sw	light	
7	10ci	10ci	0	6.7	1s	1ne	1se	,,	D. p.m.
8	10ci-st	9ci-st	10st	9.7	1se	2ne	1ne	,,	
9	5ci-st	10ni	10st	8.3	1s	2sw	1sw	,,	
10	10cu-ci	7cu-st	0	5.7	1n	1n	1se	,,	
11	10ci-st	10st	10ci-st	10.0	1se	1n	1ne	light	D.p.m
12	10ci-st	9ci	0	6.3	1ne	2n	3ne	,,	D. a m
13	9cu-st	10cu-st	10st	9.7	1w	1ne	4ne	,,	
14	0	0	0	0.0	3ne	3n	1e	slight	
15	1st	3ci	0	1.3	1se	1sw	1se	light	
16	0	0	0	0.0	1e	1ne	1se	light	
17	0	3cu-st	10st	4.3	1se	1sw	1sw	,,	D. a.m
18	10ci-st	10st	10st	10.0	1s	1nw	1sw	,,	
19	0	1cu	0	0.3	1se	1ne	1ne	,,	D. p.m
20	0	0	0	0.0	1e	1n	1ne	,,	D. a.m. p.m.
21	4ci	0	0	1.3	1e	1ne	1ne	light	D. a.m.p.m.
22	0	1cu	10st	3.7	1e	1ne	1ne	,,	D. a.m.p.m.
23	8cu-ci	0	2st	3.3	1se	1n	1e	,,	D. a.m p.m.
24	10cu-ci	6ci-st	0	5.3	1se	1n	1se	,,	D.a.m.p m.
25	0	1 ci	10ci	6.7	1e	1n	1e	,,	D a.m p.m.
26	10ci	8ci	8ci	8.7	1e	1e	1e	light	D.p m.
27	7cu-st	10cu-ni	10st	9.0	2sw	4sw	2sw	slight	
28	10cu-st	10cu-st	10ni	10.0	4sw	4sw	2sw	rough	
29	10ni	10ni	10st	10.0	3sw	5sw	3sw	rough	Fog. w.p.m.
30	10st	10cu-st	10st	10.0	4sw	4sw	3sw	moderate	
31	9cu-st	0	0	3.0	2ne	2w	2ne	light	
	mean			5.94					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew. W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	3	7	8	7	4	1	0	0	31
14:30	9	8	1	0	0	11	1	1	0	31
20:30	0	9	4	6	1	11	0	0	0	31
Total	10	20	12	14	8	26	2	1	0	93

Number of days with rain 16, fog 1, thunderstorms 0, gale. 0
71 yr. av. number of days with rain during month 15.67